Production and distribution of non-conventional energy

2449. SHRI GIREESH KUMAR SANGHI: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the details of production and distribution of various non-conventional energy resources of the country; and

(b) the steps taken by Government to help produce such non-conventional energy resources?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) The details of estimated potential and achievements under various non-conventional energy programmes, as on 31-3-2005, are given in the Statement (See below).

(b) To encourage investment in non-conventional energy, financial and fiscal incentives are being provided which include accelerated depreciation, relief from taxes & duties. In addition, preferential tariff is given to grid interactive renewable power in most potential States. A higher level of Central financial assistance is being provided to special category States and Islands for setting up non-conventional energy projects.

Statement

Details of estimated potential and achievements under various non-conventional energy programmes, as on 31-3-2005 in the country

SI.No.	Source / System	Estimated Potential	Achievements as on 31.03.2005
A	Power From Renewables		
1.	Solar Photovoltaic Power	20 MW per sq.km.	2.64 MW
2.	Wind Power	45,000 MW	3595.00 MW
3.	Small Hydro Power (up to 25 MW)	15,000 MW	1705.63 MW
4.	Biomass / Cogeneration Power	19,500 MW	
	Blomas Power		302.53 MW
	Biomass co-generation		447.00 MW
5.	Biomass Gasifier (kW)		66.23 MW
6.	Energy Recovery from waste (MW)	2,700 MW	41.98 MW
	Power from Renewables (Total)	81,200 MW	6161.01

1	2	3	4
B.	Remote Village Electrification (No. of villages/hamlets)		1944/594
C.	Decentralised Energy Systems		
7.	Family Type Biogas Plants	120 lakh	37.10 lakh
8.	Community/lnstitutional/Night-soil-based biogas plants	-	3950 nos.
9.	Improved Chulha	12 crores	3.52 crore
10.	Solar Photovoltaic Programme	20 MW/Sq.km.	
	i Solar Street Lighting System	-	54795 nos.
	ii Home Lighting System	-	342607 nos.
	iii Solar Lantern	-	560295 nos.
	iv Solar Power Plants	-	930.70 kWp
11.	Solar Thermal Programme		
	i Solar Water Heating Systems collector area	140 million sq.m. collector area	01 million sq.m.
	ii Solar Cookers	-	5.75 lakhs
	iii Aditya Solar Shops	-	81
12.	Wind Pumps	-	1015
13.	Aero-generator /Hybrid Systems	-	385.70 kW
14.	Solar Photovoltaic Pumps	-	6818
C.	Other Programmes		
15.	Battery Operated Vehiclce;	-	287
16.	Energy Parks	-	357

MW = Megawatt, kW = Kilowatt, Kilowatt peak, = Square metre

FDI in NES

2450. SHRI K. RAMA MOHANA RAO:

SHRIMATI N.P. DURGA: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether it is fact that the Ministry has proposed 100 per cent FDI through automatic route in the Non-Conventional Energy sector;

(b) the total FDI so far received in the Non-Conventional Energy sector since this sector was opened; year-wise and sector-wise *i.e.* wind, bio-mass, solar etc.